|              | Index of Claims |             |                |              |          |          |          |  |          |          |           | Application/Control No. |          |           |     |           |          |          |            |     | 1            | Applicant(s)/Patent under Reexamination |              |      |          |            |              |              |               |          |              |          |              |          |  |   |    |   |
|--------------|-----------------|-------------|----------------|--------------|----------|----------|----------|--|----------|----------|-----------|-------------------------|----------|-----------|-----|-----------|----------|----------|------------|-----|--------------|---|--------------|------|----------|------------|--------------|--------------|---------------|----------|--------------|----------|--------------|----------|--|---|----|---|
|              |                 |             |                |              |          |          |          |  |          |          |           |                         |          |           |     |           |          |          | /62        | _   | _            | 2                                       |              |      |          |            |              |              |               |          |              | J        | O            | HN       | C  | • | •  |   |
|              |                 |             |                |              |          |          |          |  |          |          |           |                         |          |           |     |           |          | EX       | am         | ıne | Br           |   |              |      |          |            |              | 1            | Int           | Ur       | ıit          |          |              |          |  |   |    |   |
|              |                 |             | -              |              |          | 1401     |          |  | 484      | 1040     |           | 191                     |          |           |     |           |          | Ng       | uy         | BN  | N.           | Ha                                      | anh          |      |          |            |              | 12           | 283           | 14       |              |          |              |          | L_   |   |    |   |
|              |                 |             |                | _            |          |          | ٦        |  | 1        |          | _         |                         | 150      | ugh       |     |           |          |          | 7          | Г   | 7            |   |              |      |          | 1.         | _            | <del>-</del> | <del></del> . |          |              |          |              | 7        |  |   |    |   |
|              |                 | U           | R              | <b>ej</b> e  | ct       | Đđ       | •        |  |          | -        | •         | , , ,                   | C        | anc       | ell | ed        | ar e     | ")       | 1          | 1   | N            | No                                      | n-E          | lec  | ted      |            | A            |              | 4             | Аp       | pe           | al       |              | 1        |  |   |    |   |
|              |                 |             | A              | Jio          | we       | be       |          |  |          | +        |           |                         | R        | esti      | ict | ad        |          |          | ٦.         |     | •            | lat                                     | orto         | 200  | nce      | <b>S</b>   |              | 1            | _             |          |              |          |              | 1        | •  | • |    |   |
|              |                 | Ш           |                |              |          | _        |          |  |          |          | -         | ر                       |          |           |     |           |          |          | <u>J</u> ` | Ļ   |              | 1116                                    | 911          | 31.6 | nce      |            | 0            | L            |               | ارما     | ect          | De:      |              |          |  |   |    |   |
| Ci           | alm             |             | _              | _            |          |          | ate      |  |          |          |           |                         | C        | alm       | T   |           |          |          | Da         | te  |              |   |              | 7    | CI       | alm        | Т            |              |               |          | Dal          | la.      |              |          |  | ٦ |    |   |
| न            | 펼               | 10/6        |                | 677          | 5        | 1        | 1        |  |          |          |           |                         | 78       | 1         |     |           | T        | T        | T          |     |              | T                                       | T            |      |          |            |              |              |               |          | Ī            | Ť        | T            | 7        | T  | 1 |    | • |
| Final        | Original        | 7           | 123            | 120          | 2        | 1        | Ţ        | 1  | -        |          | -1        | 1                       | Final    | Orfolma   | 1   | ı         | ı        |          |            |     |              |   | ŀ            | l    | Final    | Original   |              | ]            |               | l        |              | ı        | ı            |          |  |   |    |   |
|              | (1)             |             | 10             | 1            |          | -        | +        | +  | 4        | +        | 4         | -                       |          | 51        | L_  | _         | 4        | +        | 4          | 1   | $\downarrow$ | 1                                       | Ļ            | 1    |          |            | L            |              | L             | L        | L            | L        | L            | L        |  |   |    |   |
|              | 2               | V           | Ň              | V            | =        | -        | 1        | 1  |          |          | 1         | t                       |          | 52        |     | +         | ╁        | +        | ┿          | ╁   | ╁            | ╁                                       | ╁╴           | 1    |          | 101        | <del> </del> | -            | <u> </u>      | ┢        | -            | ╀        | <del> </del> | -        | -  | } |    |   |
| -            | 3               | K           | Ä              | V            | =        | Į        | T        |  | $\dashv$ |          | $\exists$ |                         |          | 53        |     | T         | I        | 1        | 工          | 土   | 1            | I                                       |              | 1    |          | 103        |              |              |               |          | H            | T        | ╁            | +        | ╆╌   | 1 |    |   |
|              | 5               | ٧           | ₩              | 1/           | =        | ┝        | ┿        | ╁  | ┥        | ┽        | -         | ŀ                       |          | 54<br>55  |     | ╀         | ┿        | 4.       | ╄          | ╀   | +            | 4-                                      | +            | -    |          | 104        |              |              |               |          |              |          | I            | I        |  | ] |    |   |
|              | 6               | J           | V              | V            | E        | L        | 土        | 士  | I        | ゴ        | _         | t                       | _        | 56        |     | $\dagger$ | +        | +        | ╁          | 十   | +            | ╁╴                                      | ╁            | ł    |          | 105<br>106 | -            | -            | -             | ├-       | -            | ╀╌       | ╀            | +-       | ╀  | ┨ |    |   |
| <del> </del> | 8               | *           | ¥,             | ¥            | 10       | L        |          | 4  | $\dashv$ | $\dashv$ | 7         |                         |          | 57        |     | Ţ         | Ţ        |          | I          | I   | 1            |   |              | 1    |          | 107        |              |              | L             |          |              | $\vdash$ | ╁            | +        | ╁╌   | 1 |    |   |
|              | 1               | 생           | 1              | 1/           |          | +        | ╁        | +  | ┽        | +        | -         | -                       |          | 58<br>59  | _   | ╀         | ┿        | - -      | +          | ╀   |              | ╬                                       | ╄            | -    |          | 108        |              |              |               |          |              |          |              |          |  | 1 |    |   |
|              | (40)            | 3           |                |              |          |          |          | 士  | ユ        | ユ        | _         | L                       |          | 60        | _   | 1         | 士        | +        | +          | 十   | ╅            | +                                       | +            | ĺ    |          | 109<br>110 | $\vdash$     | $\vdash$     | $\vdash$      | ┝        | ╀            | ┝        | +-           | ╁┈       | ╀╌   | ł |    |   |
| -            | 12              | -           | $\dot{\dashv}$ |              | -        | ┞        | +        | +  | -        | 4        | 4         |                         |          | 61        | _   | Ţ         | T        | T        | I          | I   | I            | I                                       |              | 1    |          | 111        |              |              |               |          |              | T        | +            | +        | $\vdash$   | 1 | •  |   |
|              | 13              | 1           |                |              |          | ┝        | ┿        | ┿  | ╅        | ┽        | $\dashv$  | <b>-</b>                |          | 62<br>63  | _   | ╀         | ┿        | +        | ╁          | ╀   | +            | +                                       | ┼-           | ł    |          | 112        |              |              |               |          |              |          |              |          |  | 1 |    |   |
|              | 14              |             |                |              |          |          | I        |  |          | 工        | J         | L                       |          | 64        | _   |           | 土        | 1        | +          | 十   | †            | ╅╴                                      | 十            | 1    | <b>—</b> | 113        |              | -            | $\vdash$      | ├        | ╁            | ┝        | ╁╾           | ╁        | ╀  | ł |    |   |
| -            | 15<br>16        | ┵           | $\dashv$       | _            |          | ┞        | +-       | +  | 4        |          | 4         | $\vdash$                |          | 65        |     |           | Ţ        | T        | T          | Į   | Ţ            | I                                       |              |      |          | 115        |              | ]            |               |          |              |          |              | †        | <del>                                     </del> | 1 |    |   |
|              | 17              | 寸           | $\exists$      | _            |          | ┪        | ╁        | +  | 十        | 十        | ٦.        | ŀ                       |          | 68<br>67  | _   | ╁         | ╁        | ╁        | ╁          | ╀   | ╀            | ╂                                       | ┼-           |      |          | 116        |              |              |               |          | $oxed{\Box}$ |          |              | I        |  |   |    | • |
|              | 18              |             | 4              |              | П        |          | 1        | 1  | ユ        | $\Box$   | コ         |                         |          | 68        |     |           | 土        |          | 土          |     | †            | +                                       | †            | 1    |          | 118        |              |              |               | -        | -            | ├        | ╀            | ╀        | ├  | ł |    |   |
|              | 19<br>20        | $\dashv$    | ┥              |              |          | ├        | ╁        | ╁  | ╬        | +        | -         | -                       |          | 69        |     | 1         | Ţ        | 1        | L          | Ţ.  | Ţ            |   |              |      |          | 119        |              |              |               |          |              |          |              | 上        |  |   | ٠. |   |
|              | 21              | 士           |                |              |          |          | +        | +  | +        | +        | -         | -                       | _        | 70        | +   | +         | ┿        | ┿        | ╁╴         | ╀╌  | ┽╌           | ╁┈                                      | <del> </del> |      |          | 120        |              |              |               |          |              |          |              | L        |  |   |    |   |
|              | 23              | 4           | $\dashv$       |              |          |          | T        | Ţ  | 7        | 耳        | 7         |                         |          | 72        |     |           | 上        | 上        | 上          |     | 1            | 上                                       |              |      |          | 122        |              |              |               |          |              |          | -            | -        |  |   |    |   |
|              | 24              | ╅           | ┪              | _            |          | $\vdash$ | ╁        | ╁  | ┿        | +        | -         | $\vdash$                |          | 73<br>74  | _   | ╀         | ╀        | +        | -          | ╁_  | $\perp$      | L                                       |              | ŀ    |          | 123        |              |              |               |          |              |          |              | 上        |  |   |    |   |
|              | 25              | $\sqsupset$ | コ              |              |          |          |          | 土  | 土        | 土        | 1         | L                       |          | 75        |     | +         | 十        | 十        | ╆          | ╁   | +            | ╁                                       | ┝            | 1    |          | 124        | $\dashv$     |              |               | _        | $\vdash$     | _        | -            | _        |  |   |    |   |
| -            | 26<br>27        | +           | 4              | 4            | _        |          | ╀        | 1  | +        | <u> </u> | -         |                         |          | 76        | Ţ   | Ţ         | L        | T        |            |     |              |   |              | ľ    |          | 128        |              |              |               |          |              | H        | ┪            | 1-       | Н  |   |    |   |
|              | 28              | _           | 7              | ┪            |          | _        | ╁        | ╁  | +        | ╅        | -         | -                       |          | 77<br>78  | ╁   | ╄         | ╄        | ╁        | ╀          | ╁╌  | +            | -                                       | -            |      |          | 127        |              |              |               |          |              |          |              |          |  |   |    |   |
|              | 29              |             | $\dashv$       |              |          |          |          | I  | 1        |          | 1         |                         |          | 79        | İ   |           | t        | 1        |            |     | +            | $\dagger$                               | ┝            |      | $\vdash$ | 128<br>129 | $\dashv$     | $\dashv$     | $\dashv$      |          | Н            | H        | ├            | ╀        |  |   |    |   |
| $\vdash$     | 30              | +           | +              | $\dashv$     | $\dashv$ |          | +        | +  | +        |          | 4         | -                       |          | 80        | 1   | L         | L        | T        | Ŀ          |     | T            | 厂                                       |              |      |          | 130        |              | ゴ            |               |          |              |          |              | <u> </u> | H  |   |    |   |
|              | 32              | 士           | 士              | ╛            |          | _        | T        | $^{\dagger}$                                     | 士        | +        |           | 十                       |          | 81<br>82  | +   | +         | +        | +        | +          | -   | +            | +                                       | -            |      |          | 131<br>132 | $\dashv$     | $\dashv$     | $\dashv$      |          |              |          |              |          | 口  |   | •  |   |
| $\vdash$     | 33              | 4           | Д.             | 4            | $\Box$   |          | L        | L  | Ţ        | 工        |           |                         |          | 83        | L   |           |          | 上        |            |     | 1            |   |              |      |          | 133        | $\dashv$     | ᅱ            | ᅱ             | $\dashv$ | Щ            |          | -            | ├        | ${f H}$  |   |    |   |
|              | 34<br>35        | +           | ┽              | +            | ᅱ        |          | +        | ╁  | +        | +        | $\exists$ | -                       |          | 84<br>85  | ļ   | ╀         | -        | $\vdash$ |            |     | T            | lacksquare                              |              |      |          | 134        | ゴ            | コ            |               |          |              |          |              |          | H  |   |    |   |
|              | 38              |             | 士              | 寸            | ゴ        |          |          | 上  | 1        | 士        | 1         |                         |          | 86        | 1   | +         | +        | +        | -          | -   | +            | +                                       | H            |      |          | 135<br>138 | 4            | $\dashv$     | $\dashv$      | $\Box$   |              |          |              |          |  |   |    |   |
| <b>  </b>    | 37<br>38        | +           | 4              | 4            | $\dashv$ | _        | 1        | lacksquare                                       | $\bot$   | T        | 4         | F                       |          | 87        |     |           |          | L        | - 1        |     |              |   | CV.          |      |          | 137        | _            | 7            | $\dashv$      |          | Н            |          | $\vdash$     | -        | Н  |   |    |   |
|              | 39              | 十           | +              | +            | +        | -        | +        | +  | +        | +        | 4         | H                       | $\dashv$ | 88<br>89  |     | ╀         | +        | +        | -          |     | +            | ļ                                       | H            |      |          | 138        | コ            | 口            | コ             |          |              |          |              |          | 口  |   |    |   |
|              | 40              | 1           | 1              | 1            | 耳        |          |          |  | 1        | #        | ゴ         |                         |          | 80        |     |           | T        | 1        | $\vdash$   |     | †            |   | Н            |      |          | 139        | $\dashv$     | +            | +             | $\dashv$ | H            |          | _            |          | dash   |   |    | • |
| -            | 41 42           | +           | +              | +            | -        | _        | }-       | ╀  | +        | +        | 4         | -                       |          | 91        | +   | L         | L        | L        |            |     |              |   |              |      |          | 141        | 寸            | 寸            | 寸             |          |              |          |              | $\vdash$ | $\forall$  | Ď |    |   |
|              | 43              | 土           | 士              | 士            | 士        |          |          | T  | <b>†</b> | +        | 1         | -                       |          | 92<br>93  | +   | $\vdash$  | ╁        | +        | +          | -   | +            | -                                       | Н            | I    |          | 142<br>143 | 4            | $\dashv$     | 耳             | $\Box$   |              | Ц        |              |          |  |   |    |   |
| -            | 44              | T           | 7              | $\downarrow$ | 4        |          |          |  | Ţ        | 工        | 7         | F                       |          | 94        |     |           |          |          |            |     |              |   |              | 1    |          | 144        | 十            | $\dashv$     | ┥             | $\dashv$ | -            |          |              | $\vdash$ | H  |   |    |   |
|              | 45<br>46        | +           | 十              | +            | +        |          | -        | +  | +        | +        | -         | -                       | 4        | 95<br>98  | 1   | <u> </u>  |          | F        |            |     |              |   | 口            |      |          | 145        | ゴ            | 口            | 1             |          |              |          |              |          |  |   |    |   |
|              | 47              | 工           | 1              | 1            | ユ        |          |          |  | İ        | 1        | j         |                         |          | 97        |     |           | 1        | +        | H          | _   | $\vdash$     | Н                                       | $\dashv$     | ŀ    |          | 146        | 4            | 4            | 4             | _        | $\dashv$     |          |              | Ц        |  |   |    |   |
|              | 48<br>49        | +           | 4              | +            | 4        |          | <u> </u> | <del>                                     </del> | F        | 1        | -         | F                       | 4        | 98        | Г   |           |          |          |            |     |              |   |              | t    |          | 148        | $\pm$        | 士            | 十             | ╅        | +            | $\dashv$ |              | $\vdash$ | $\dashv$   |   | •  | • |
|              | 50              | ╁           | +              | +            | +        |          | $\vdash$ | ┢  | +        | ╁        | -         | -                       |          | 99<br>100 |     | -         | $\vdash$ | _        |            |     | <del> </del> | $\square$                               | $\Box$       | Į,   |          | 149<br>150 |              | I            | J             |          |              | ゴ        |              | ŀ        |  |   |    |   |